2	**Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.**							
	Desilting of drains							
	2nd cross	0-30	2	30.00	0.45	0.6	16.20	
		30-60	2	30.00	0.45	0.6	16.20	
		60-73	2	13.00	0.45	0.6	7.02	
		0-30	2	30.00	0.45	0.6	16.20	
		30-60	2	30.00	0.45	0.6	16.20	
		60-73	2	13.00	0.45	0.6	7.02	
		0-30	2	30.00	0.45	0.6	16.20	
	3rd cross	30-60	2	30.00	0.45	0.6	16.20	
		60-90	2	30.00	0.45	0.6	16.20	
		90-120	2	30.00	0.45	0.6	16.20	
		120-134	2	14.00	0.45	0.6	7.56	
							151.20	NDP DE(LS) 20/8/2020
	Palcing of kerbs							
	2nd cross	0-30	2	30.00	0.45	0.1	2.70	
		30-60	2	30.00	0.45	0.1	2.70	
		60-73	2	13.00	0.45	0.1	1.17	
		0-30	2	30.00	0.45	0.1	2.70	
		30-60	2	30.00	0.45	0.1	2.70	
		60-73	2	13.00	0.45	0.1	1.17	
		0-30	2	30.00	0.45	0.1	2.70	
	3rd cross	30-60	2	30.00	0.45	0.1	2.70	
		60-90	2	30.00	0.45	0.1	2.70	
		90-120	2	30.00	0.45	0.1	2.70	
		120-134	2	14.00	0.45	0.1	1.26	
							25.20	NDP DE(LS)
	New drain 5th cross							
	LHS	0-30	1	30	0.95	0.9	25.65	
		30-60	1	30	0.95	0.9	25.65	
		60-85	1	25	0.95	0.9	21.38	
							72.68	
	RHS	0-30	1	30	0.95	0.9	25.65	
		30-60	1	30	0.95	0.9	25.65	
		60-85	1	25	0.95	0.9	21.38	
							72.68	NDP DE(LS) 21/8
						cum	**321.75**	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
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Assistant Executive Engineer,
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Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodige...
Bruhat Bangalore ...
Bangalore - 560 092

3	**Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.**							
	Palcing of kerbs							
	2nd cross	0-30	2	30	0.45	0.10	2.70	
		30-60	2	30	0.45	0.10	2.70	
		60-73	2	13	0.45	0.10	1.17	
		0-30	2	30	0.45	0.10	2.70	
		30-60	2	30	0.45	0.10	2.70	
		60-73	2	13	0.45	0.10	1.17	
		0-30	2	30	0.45	0.10	2.70	
	3rd cross	30-60	2	30	0.45	0.10	2.70	
		60-90	2	30	0.45	0.10	2.70	
		90-120	2	30	0.45	0.10	2.70	
		120-134	2	14	0.45	0.10	1.26	
							25.20	NDP DE(W-7)
	New drain 5th cross							
	LHS	0-30	1	30	0.95	0.15	4.28	
		30-60	1	30	0.95	0.15	4.28	
		60-85	1	25	0.95	0.15	3.56	
	RHS	0-30	1	30	0.95	0.15	4.28	
		30-60	1	30	0.95	0.15	4.28	
		60-85	1	25	0.95	0.15	3.56	
							24.23	NDP DE(W-7) 25 Retrom
						cum	49.43	

CAPC CP 25/8

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Engineer

Assistant Executive Engineer
Assistant Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

5	**Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications**							
				L	no of rods	le of u bar	Total length	
	LHS						10mm	8mm
	Main rod	0-30	1	30	340	2	680	
	distribution		1	30	7	30		210
	Main rod	30-60	1	30	340	2	680	
	distribution		1	30	7	30		210
	Main rod	60-85	1	25	280	2	560	
	distribution		1	25	7	25		175
	RHS							
	Main rod	0-30	1	30	340	2	680	
	distribution		1	30	7	30		210
	Main rod	30-60	1	30	340	2	680	
	distribution		1	30	7	30		210
	Main rod	60-85	1	25	280	2	560	
	distribution		1	25	7	25		175
							3840	**1190**
							0.62 kg/cum	0.39kg/cum
							2380.8	464.1
							2844.9	**2.73**
6	**Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge**							
	New drain 5th cross							
		0-30	4	30		0.6	72.00	
		30-60	4	30		0.6	72.00	
		60-85	4	25		0.6	60.00	
							0.00	
		0-30	4	30		0.6	72.00	
		30-60	4	30		0.6	72.00	
		60-85	4	25		0.6	60.00	
						sqm	408.00	

Assistant Engineer

Page 4

Assistant Executive Engineer

4	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications							
	Coping ofdrains							
	2nd cross	0-30	2	30	0.15	0.10	0.90	
		30-60	2	30	0.15	0.10	0.90	
		60-73	2	13	0.15	0.10	0.39	
		0-30	2	30	0.15	0.10	0.90	
		30-60	2	30	0.15	0.10	0.90	
		60-73	2	13	0.15	0.10	0.39	
		0-30	2	30	0.15	0.10	0.90	
	3rd cross	30-60	2	30	0.15	0.10	0.90	
		60-90	2	30	0.15	0.10	0.90	
		90-120	2	30	0.15	0.10	0.90	
		120-134	2	14	0.15	0.10	0.42	
							8.40	
	New drain 5th cross							
	Bottom	0-30	1	30	0.75	0.15	3.38	
		30-60	1	30	0.75	0.15	3.38	
		60-85	1	25	0.75	0.15	2.81	
		0-30	1	30	0.75	0.15	3.38	
		30-60	1	30	0.75	0.15	3.38	
		60-85	1	25	0.75	0.15	2.81	
	Side wall	0-30	2	30	0.15	0.6	5.40	
		30-60	2	30	0.15	0.6	5.40	
		60-85	2	25	0.15	0.6	4.50	
		0-30	2	30	0.15	0.6	5.40	
		30-60	2	30	0.15	0.6	5.40	
		60-85	2	25	0.15	0.6	4.50	
							49.73	
						cum	58.13	

C&PC C&P 13/9

NDP DE(Wrks) 13/9/2020

C&PC C&P 14/9

NDP DE(Wrks) 14/9/2020

Assistant Executive Engineer, Yelahanka Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete10cms thick						
	2nd cross	0-30	2	4.00	0.75	6.00	
		30-60	2	5.00	0.75	7.50	
		60-73	2	8.00	0.75	12.00	
		0-30	2	5.00	0.75	7.50	
		30-60	2	5.00	0.75	7.50	
		60-73	2	5.00	0.75	7.50	
		0-30	2	5.00	0.75	7.50	
	3rd cross	30-60	2	5.00	0.75	7.50	
		60-90	2	5.00	0.75	7.50	
		90-120	2	8.00	0.75	12.00	
		120-134	2	6.00	0.75	9.00	
						91.50	
	New drain 5th cross				Qty Ltd to	63.00	
		0-30	50	0.6	0.75	22.50	
		30-60	50	0.6	0.75	22.50	
		60-85	42	0.6	0.75	18.90	
		0-30	50	0.6	0.75	22.50	
		30-60	50	0.6	0.75	22.50	
		60-85	42	0.6	0.75	18.90	
						127.80	
					sqm	190.80	
					Qty Ltd to	190.50	

C4 RC
10/11
Assistant Executive Engineer
Kodigehalli Division
Yelahanka
B.B.M.P.
Bangalore.

KUDP
DE(TCP)
10/11/2010

8	Providing one line dressing to granite stone slabs/granite stone masonry as per specifications						
	New drain 5th cross						
		0-30	50	0.6	0.75	22.50	
		30-60	50	0.6	0.75	22.50	
		60-85	42	0.6	0.75	18.90	
		0-30	50	0.6	0.75	22.50	
		30-60	50	0.6	0.75	22.50	
		60-85	42	0.6	0.75	18.90	
					sqm	127.80	
					Qty Ltd to	127.50	NDP AE(NS) 10/11/2020
9	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x150x500 mm and finished with CM 1:3 plastering and finishing cutting etc., complete						
	2nd cross	0-30	2	68		136	
		30-60	2	68		136	
		60-73	2	30		60	
		0-30	2	67		134	
		30-60	2	67		134	
		60-73	2	28		56	
	3rd cross	0-30	2	68		136	
		30-60	2	68		136	
		60-90	2	67		134	
		90-120	2	68		136	
		120-134	2	30		60	
	New drain 5th cross						
		0-30	1	68		68	
		30-60	1	68		68	
		60-85	1	56		56	
		0-30	1	68		68	
		30-60	1	68		68	
		60-85	1	55		55	
					nos	1641.00	NDP AE(NS) 10/11/2020

C&R C/S 10/11 Executive Engineer, Yelahanka Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

C&R C/S 10/11 Executive Engineer, Yelahanka Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

10	:Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications						
	2nd cross	0-30	2	68	0.45	61.2	
		30-60	2	68	0.45	61.2	
		60-73	2	30	0.45	27	
		0-30	2	67	0.45	60.3	
		30-60	2	67	0.45	60.3	
		60-73	2	28	0.45	25.2	
	3rd cross	0-30	2	68	0.45	61.2	
		30-60	2	68	0.45	61.2	
		60-90	2	67	0.45	60.3	
		90-120	2	68	0.45	61.2	
		120-134	2	30	0.45	27	
	New drain 5th cross						
		0-30	1	68	0.45	30.6	
		30-60	1	68	0.45	30.6	
		60-85	1	56	0.45	25.2	
		0-30	1	68	0.45	30.6	
		30-60	1	68	0.45	30.6	
		60-85	1	55	0.45	24.75	
					sqm	738.45	NDP DE(Wor) 10/11/2020
11	Providing and fixing MS Grating 260x260 mm						
	2nd cross		25			25	
	3rd cross		25			25	
	New drain 5th cross		36			36	
					nos	86	NDP DE(Wor) 10/11/2020
12	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH						
					cum	321.75	NDP DE(Wor) 10/11/2020

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P, Bangalore.

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P, Bangalore.

Assistant Executive Engineer, Kodigehalli Sub Division, Bruhat Bangalore Mahanagara Palike, Bangalore - 560 092

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub division

Executive Engineer
Byatarayanapura Division

BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Name of work: Improvements to drains cross roads of Munigurappa layout in ward no.07

Job code: 007-20-000090

P-code: P3726

Agency: Sri.Channakeshawa enterprises

First and final bill

Sl NO	Description	unit	Qty	RATE	AMOUNT
1	Removing and refixing stone slabs of drains and pointing in CM(1:3)				
		sqm			
	Present Qty		357.00		
	Previous Qty		0.00		
	Total Qty		357.00		
	BOQ Qty		357.00		
	Qty for payment		357.00	94.05	33575.85
2	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.				
		cum			
	Present Qty		321.75		
	Previous Qty		0.00		
	Total Qty		321.75		
	BOQ Qty		321.75		
	Qty for payment		321.75	116.44	37464.57
3	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.				
		cum			
	Present Qty		49.43		
	Previous Qty		0.00		
	Total Qty		49.43		
	BOQ Qty		49.43		
	Qty for payment		49.43	4652.27	229938.44

Dstd(C).N.D.
AE(W)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Abstract

4	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications				
		cum			
	Present Qty		58.12		
	Previous Qty		0.00		
	Total Qty		58.12		
	BOQ Qty		58.12		
	Qty for payment		58.12	4856.49	282259.20
5	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications				
		tonne			
	Present Qty		2.73		
	Previous Qty		0.00		
	Total Qty		2.73		
	BOQ Qty		2.73		
	Qty for payment		2.73	61116.30	166847.50
6	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge				
		sqm			
	Present Qty		408.00		
	Previous Qty		0.00		
	Total Qty		408.00		
	BOQ Qty		408.00		
	Qty for payment		408.00	408.44	166643.52

AE(W21)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Abstract

7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete10cms thick				
		sqm			
	Present Qty		190.50		
	Previous Qty		0.00		
	Total Qty		190.50		
	BOQ Qty		190.50		
	Qty for payment		190.50	816.88	155615.64
8	Providing one line dressing to granite stone slabs/granite stone masonry as per specifications				
		sqm			
	Present Qty		127.50		
	Previous Qty		0.00		
	Total Qty		127.50		
	BOQ Qty		127.50		
	Qty for payment		127.50	803.44	102438.60
9	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x150x500 mm and finished with CM 1:3 plastering and finishing cutting etc., complete				
		nos			
	Present Qty		1641.00		
	Previous Qty		0.00		
	Total Qty		1641.00		
	BOQ Qty		1652.00		
	Qty for payment		1641.00	395.00	648195.00
10	:Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications				
		sqm			
	Present Qty		738.45		
	Previous Qty		0.00		
	Total Qty		738.45		
	BOQ Qty		743.40		
	Qty for payment		738.45	33.14	24472.23

AE(E)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

11	Providing and fixing MS Grating 260x260 mm				
		nos			
	Present Qty		86.00		
	Previous Qty		0.00		
	Total Qty		86.00		
	BOQ Qty		90.00		
	Qty for payment		86.00	75.91	6528.26
12	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH				
		cum			
	Present Qty		321.75		
	Previous Qty		0.00		
	Total Qty		321.75		
	BOQ Qty		321.75		
	Qty for payment		321.75	79.72	25649.91
			TOTAL		1879628.73

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub division

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mananagara Palike
Bangalore - 560 092

Executive Engineer
Byatarayanapura Division